

Stamski and McNary, Inc.
Engineering - Planning - Surveying
80 Harris Street Acton, MA 01720 (978) 263-8585

Abbreviated Notice of Resource Area Delineation

Under the Massachusetts Wetland Protection Act,
M.G.L. c. 131, s. 40 and the Town of Acton Wetlands
Protection Bylaw – Chapter F

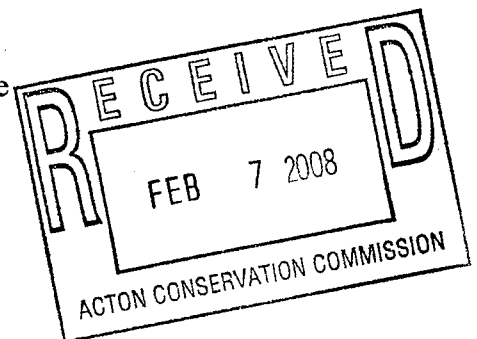
for

**Map F-2, Parcel 120
442 Massachusetts Avenue
Acton, MA 01720**

Applicant: Acton Management, Inc.
P.O. Box 2350
Acton, MA 01720

Owner: Margot A. Grallert
442 Massachusetts Avenue
Acton, MA 01720

Date: February 7, 2008



SM-4293

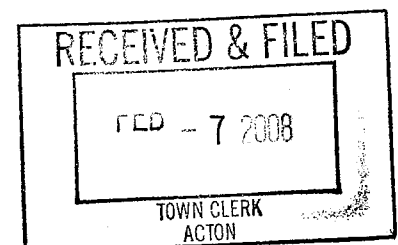
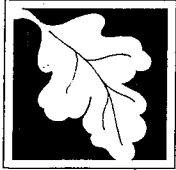


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WPA Form 4A (Abbreviated Notice of Resource Area Delineation)



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of Resource Area Delineation
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Acton

City/Town

A. General Information

1. Project Type:

- a. ☒ Resource Area Delineation Only
- b. ☐ Resource Area Delineation Subject to Simplified Review

2. Project Location (**Note:** electronic filers will click on button for GIS locator):

422 Massachusetts Avenue

a. Street Address

Acton

b. City/Town

01720

c. Zip Code

Latitude and Longitude:

42°28'28"

d. Latitude

71°27'25"

e. Longitude

F-2

f. Assessors Map/Plat Number

120

g. Parcel /Lot Number

3. Applicant:

Stephen

a. First Name

Steinberg

b. Last Name

Acton Management, Inc.

c. Company

P.O. Box 2350

d. Mailing Address

Acton

e. City/Town

MA

f. State

01720

g. Zip Code

(978) 263-2989

h. Phone Number

i. Fax Number

j. Email address

4. Property owner (if different from applicant):

☐ Check if more than one owner

Margot A.

a. First Name

Grallert

b. Last Name

c. Company

442 Massachusetts Avenue

d. Mailing Address

Acton

e. City/Town

MA

f. State

01720

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

5. Representative (if any):

Stamski and McNary, Inc

a. Firm

George

b. Contact Person First Name

Dimakarakos

c. Contact Person Last Name

80 Harris Street

d. Mailing Address

Acton

e. City/Town

MA

f. State

01720

g. Zip Code

(978) 263-8585

h. Phone Number

(978) 263-9883

i. Fax Number

gd@stamskiandmcnary.com

j. Email address

6. Total WPA Fee Paid (from attached ANRAD Wetland Fee Transmittal Form):

\$200.00

a. Total Fee Paid

\$87.50

b. State Fee Paid

\$112.50

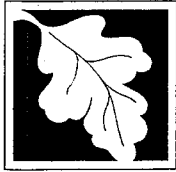
c. City/Town Fee Paid

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

Fees will be calculated for online users.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of Resource Area Delineation
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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B. Area(s) Delineated

1. Bordering Vegetated Wetland (BVW) 202'
Linear Feet of Boundary Delineated
2. Check all methods used to delineate the Bordering Vegetated Wetland (BVW) boundary:
 - a. ☒ MassDEP BVW Field Data Form (attached)
 - b. ☒ Other Methods for Determining the BVW boundary (attach documentation):
 1. ☒ 50% or more wetland indicator plants
 2. ☐ Saturated/inundated conditions exist
 3. ☐ Groundwater indicators
 4. ☒ Direct observation
 5. ☐ Hydric soil indicators
 6. ☐ Credible evidence of conditions prior to disturbance
3. Indicate if any other resource area(s) are delineated:

a. Resource Area

b. Linear Feet Delineated

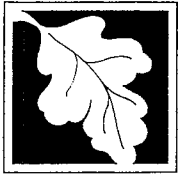
c. Resource Area

d. Linear Feet Delineated

C. Additional Information

Applicants must include the following plans with this Abbreviated Notice of Resource Area Delineation. See instructions for details. **Online Users:** Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☒ ANRAD (Delineation Plans only)
2. ☐ Simplified Review ANRAD with Stormwater (Delineation Plans and Project Plans)
3. ☐ Simplified Review ANRAD without Stormwater (Delineation Plans only)
4. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
5. ☒ Plans identifying the boundaries of the Bordering Vegetated Wetlands (BVW) (and other resource areas, if applicable).
6. ☒ List the titles and final revision dates for all plans and other materials submitted with this Abbreviated Notice of Resource Area Delineation.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of Resource Area Delineation
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number _____

Document Transaction Number _____

Acton _____

City/Town _____

D. Simplified Review for Buffer Zone Projects

Simplified Review cannot be applied to work proposed within riverfront areas or bordering land subject to flooding.

I certify that the project design and construction, in order to be eligible for Buffer Zone Simplified Review, complies with the following requirements.

Boxes 1-10 must be checked in order for the application to be eligible.

1. ☐ No work of any kind will occur within any wetland resource areas including Riverfront Area and Bordering Land Subject to Flooding.
2. ☐ The inner 0-to-50-foot wide area from the delineated wetland boundary will not be disturbed by any work associated with this project, including placement of any stormwater management components.
3. ☐ The buffer zone where the work is proposed does not border an Outstanding Resource Water (e.g., certified vernal pool, public water supply reservoir or tributary), as defined in 314 CMR 4.00 or border coastal resource areas at 310 CMR 10.25-10.35.
4. ☐ The buffer zone is not adjacent to wetland resources with estimated wildlife habitat (which is identified on the most recent Estimated Habitat Map of State-listed Rare Wetlands Wildlife).
5. ☐ If the project is subject to the Massachusetts Stormwater Policy, all work will be conducted in conformance with an approved Stormwater Management Plan.
6. ☐ Erosion and Sedimentation controls will be provided at the 50-foot buffer zone line or limit of work (whichever is a greater distance from the resource area) and be sufficient to protect resource areas during construction.
7. ☐ The buffer zone does not contain an existing slope greater than an average of 15% at its steepest gradient across the 100-foot width of the buffer zone from the edge of the resource area to the outer edge of the buffer zone.
8. ☐ Following completion of the project, the amount of new impervious surface, in combination with existing impervious surfaces, will not exceed 40% of the buffer zone between 50 and 100 feet from a delineated boundary.
9. ☐ If work authorized under Simplified Review is commenced, no work is allowed, and no additional NOI or RDA may be filed, for any work within the 0-to-50-foot buffer zone during the term of an ORAD associated with this application. If work authorized under Simplified Review is **not** commenced, then future NOIs or RDAs may be filed for work within the 0-to-50-foot portion of the buffer zone.
10. The project a. ☐ is b. ☐ is not subject to the Massachusetts Stormwater Policy.

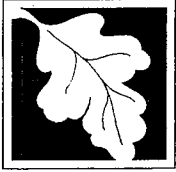
If the project is subject to the Stormwater Policy, check one of the following three boxes:

1. ☐ attached is a Stormwater Management Form (and supporting information)
2. ☐ no work contemplated at this time; a Stormwater Management Form (and supporting information) will be provided to the Conservation Commission for review and concurrence prior to the commencement of any work on the site.
3. ☐ Stormwater Management Form is being submitted for a previously issued Order of Resource Area Delineation (delineation only) dated: _____ a. Date

b. Title of Stormwater Management Plan

c. Date

d. Signature of Applicant or Applicant's Representative



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of Resource Area Delineation
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Acton

City/Town

E. Fees

The fees for work proposed under each Abbreviated Notice of Resource Area Delineation must be calculated and submitted to the Conservation Commission and the Department (see Instructions and Wetland Fee Transmittal Form).

No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to the attached Wetland Fee Transmittal Form) to confirm fee payment:

1016

1. Municipal Check Number

1015

3. State Check Number

442 Massachusetts Avenue, LLC

5. Payor name on check: First Name

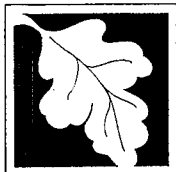
1/31/08

2. Check date

1/31/08

4. Check date

6. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of Resource Area Delineation
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Acton

City/Town

F. Signatures and Certification Requirements

I certify under the penalties of perjury that the foregoing Abbreviated Notice of Resource Area Delineation and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I certify that any work associated with the proposed project meets all of the eligibility criteria listed in Section D above. If the project does not comply with the Section D eligibility requirements, or if I decide to not do the work allowed by the Simplified Review Approval, I will file a Notice of Intent or Request for Determination of Applicability for any proposed future work as required by the Conservation Commission.

I acknowledge that I am responsible for promptly requesting a Certificate of Compliance following completion of any work allowed pursuant to a Simplified Review or no later than three years from the date of the Order of Resource Area Delineation unless the Order is extended on Wetland Form 7, Extension Permit for Order of Conditions.

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

I hereby grant permission, to the Agent or member of the Conservation Commission and the Department of Environmental Protection, to enter and inspect the area subject to this Notice at reasonable hours to evaluate the project subject to this Notice, and to require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

I acknowledge that failure to comply with these certification requirements is grounds for the Conservation Commission or the Department to take enforcement action.

1. Signature of Applicant
Stephen D. Stinebaugh

3. Signature of Property Owner (if different)
Margaret Granger

5. Signature of Representative (if any)

2. Date
2/1/08

4. Date
2/3/08

6. Date

For Conservation Commission:

Two copies of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; two copies of the ANRAD Wetland Fee Transmittal Form; and the city/town fee payment must be sent to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

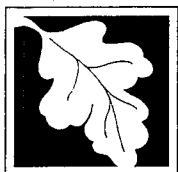
One copy of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; one copy of the ANRAD Wetland Fee Transmittal Form; and a copy of the state fee payment must be sent to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery. (E-filers may submit these electronically.)

Other:

If the applicant has checked the "yes" box in any part of Section C, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

WPA Form 4A (ANRAD Wetland Fee Transmittal Form)



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 4A – ANRAD Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Applicant:

Stephen Steinberg Acton Management, Inc.
a. First Name b. Last Name c. Company
P.O. Box 2350
d. Mailing Address
Acton MA 01720
e. City/Town f. State g. Zip Code
(978) 263-2989
h. Phone Number

2. Property Owner (if different):

Margot A. Grallert
a. First Name b. Last Name c. Company
442 Massachusetts Avenue
d. Mailing Address
Acton MA 01720
e. City/Town f. State g. Zip Code
h. Phone Number

3. Project Location:

442 Massachusetts Avenue Acton
a. Street Address b. City/Town

B. Fees

The fee is calculated as follows for each Resource Area Delineation included in the ANRAD (check applicable project type):

Bordering Vegetated Wetland:

☐ Online users: check box if fee exempt.

1. <input checked="" type="checkbox"/> single family house project	202'	\$404.00	\$200.00
	a. linear feet	x \$2.00 =	b. Total fee not to exceed \$200
2. <input type="checkbox"/> all other projects		x \$2.00 =	b. Total fee not to exceed \$2,000
	a. linear feet	x \$2.00 =	

Other Resource Area (e.g., bank, riverfront area, etc.):

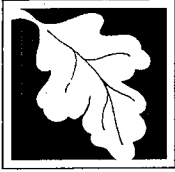
3. <input type="checkbox"/> single family house project		x \$2.00 =	b. Total fee not to exceed \$200
	a. linear feet	x \$2.00 =	
4. <input type="checkbox"/> all other projects		x \$2.00 =	b. Total fee not to exceed \$2,000
	a. linear feet	x \$2.00 =	

State share of filing fee:

\$87.50
5. 1/2 of total fee less \$12.50

City/Town share of filing fee:

\$112.50
6. 1/2 of total fee plus \$12.50



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 4A – ANRAD Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Submittal Requirements

- a.) Send a copy of this form, with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts, to:

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Abbreviated Notice of Resource Area Delineation; a **copy** of this form; and the city/town fee payment.
- c.) **To MassDEP Regional Office** (see Instructions): Send one copy of the Abbreviated Notice of Resource Area Delineation (and any additional documentation required as part of a Simplified Review Buffer Zone Project); a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

442 MASSACHUSETTS AVENUE, LLC

69 GREAT RD.
ACTON, MA 01720

09/07

1015

5-7017/2110
302

PAY TO THE
ORDER OF

Commwealth of MA SS

DATE

1/31/08

\$ *87.50*

50

DOLLARS

Security Features
are listed
on the back.

WHEN HELD TO LIGHT, IF CIRCULAR WATERMARKS ARE NOT PRESENT, DO NOT CASH. SEE BACK FOR ADDITIONAL SECURITY FEATURES.



Citizens Bank

Massachusetts

[Signature]

FOR

⑈001015⑈ ⑆211070175⑆

MP

442 MASSACHUSETTS AVENUE, LLC

69 GREAT RD.
ACTON, MA 01720

09/07

1016

5-7017/2110
302

PAY TO THE
ORDER OF

Town of Acton
One hundred twelve

\$ *112.50*

50

DOLLARS

Security Features
are listed
on the back.

WHEN HELD TO LIGHT, IF CIRCULAR WATERMARKS ARE NOT PRESENT, DO NOT CASH. SEE BACK FOR ADDITIONAL SECURITY FEATURES.



Citizens Bank

Massachusetts

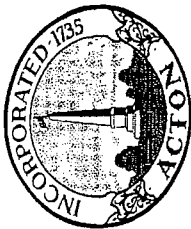
[Signature]

FOR

⑈001016⑈ ⑆211070175⑆

MP

Certified List of Abutters



Town of Acton
472 Main Street
Acton, MA 01720
Telephone (978) 264-9622
Fax (978) 264-9630

an McMullen
Assistant Assessor

Locus: 442 MASS AVE
Parcel ID: F2-120

Location	Parcel ID	Owner	Co-Owner	Mailing Address	City	ST	Zip
MASS AV	F2-109	ACTON-BOXBORO REG SCHOOL DIST		472 MAIN STREET	ACTON	MA	01720
MASS AV	F2-117	FINNEGAN JOSEPH P	FINNEGAN KATHLEEN T	456 MASS AVE	ACTON	MA	01720
MASS AV	F2-118	TANG YANHUA	LIU QING	448 MASS AV	ACTON	MA	01720
MASS AV	F2-119	NIMMER JEREMY		446 MASS AV	ACTON	MA	01720
PROSPECT ST	F2-126	TOWEY SEAN T	TOWEY MARCIA A	143 PROSPECT ST	ACTON	MA	01720
PROSPECT ST	F2-129	SPENCER MARY ELIZABETH	C/O BLANCHARD PLACE LLC	411 MASS AVENUE STE 304	ACTON	MA	01720
MAIN ST REAR	F2-129-1	STOP & SHOP SUPERMARKET CO	1385 HANCOCK STREET	REAL ESTATE TAX DEPARTMENT	QUINCY	MA	02169

owner of land sharing a common boundary or corner with the site of the proposed activity (100 feet)
ny direction, including land located directly across a street, way, creek, river, stream, brook or canal.
above are as they appear on the most recent applicable taxes.


30-Jan-08

berly Hoyt
essing Clerk
on Assessors Office

Affidavit of Services

AFFIDAVIT OF SERVICES
Under the Massachusetts Wetlands Protection Act
(to be submitted to the Massachusetts Department of
Environmental Protection and the Department of Natural
Resources
when filing an Abbreviated Notice of Resource Area
Delineation)

I, William McNary, hereby certify under the pains and penalties of perjury that on February 7, 2008 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

An Abbreviated Notice of Resource Area Delineation
filed under the Massachusetts Wetlands Protection
Act by Acton Management, Inc. with the Acton
Conservation Commission for property located at 442
Massachusetts Avenue, Assessor's Map F-2, Parcel
120.

The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.

Name:



Date: February 7, 2008

Notification to Abutters

NOTIFICATION TO ABUTTERS
UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT
AND THE TOWN OF ACTON WETLANDS BYLAW

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40 and the Town of Acton Bylaws, you are hereby notified of the following:

The Applicant: Acton Management, Inc.

Address: P.O.Box 2350, Acton, MA 01720 Phone: (978) 263-2989

has filed a Notice of Intent with the Acton Conservation Commission seeking permission to remove, fill, dredge or alter an Area Subject to Protection under the Wetlands Protection Act .

Applicant's Representative: Stamski and McNary, Inc.

Address 80 Harris Street, Acton, MA 01720 Phone: (978) 263-8585

The address of the property where the activity is proposed: 442 Massachusetts Avenue

Town Atlas Plate/Map F-2 Parcel/Lot 120

Project Description: Confirmation of Wetlands Delineation.

Copies of the Notice of Intent may be examined at the Conservation Office, Acton Town Hall, 472 Main Street, Acton. Between the hours of 8:00 A.M. and 4:30 P.M. Monday through Friday. For more information please call the Conservation Office at 978-264-9631.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday,

February 20, 2008 at 7:15 P.M.

(date)

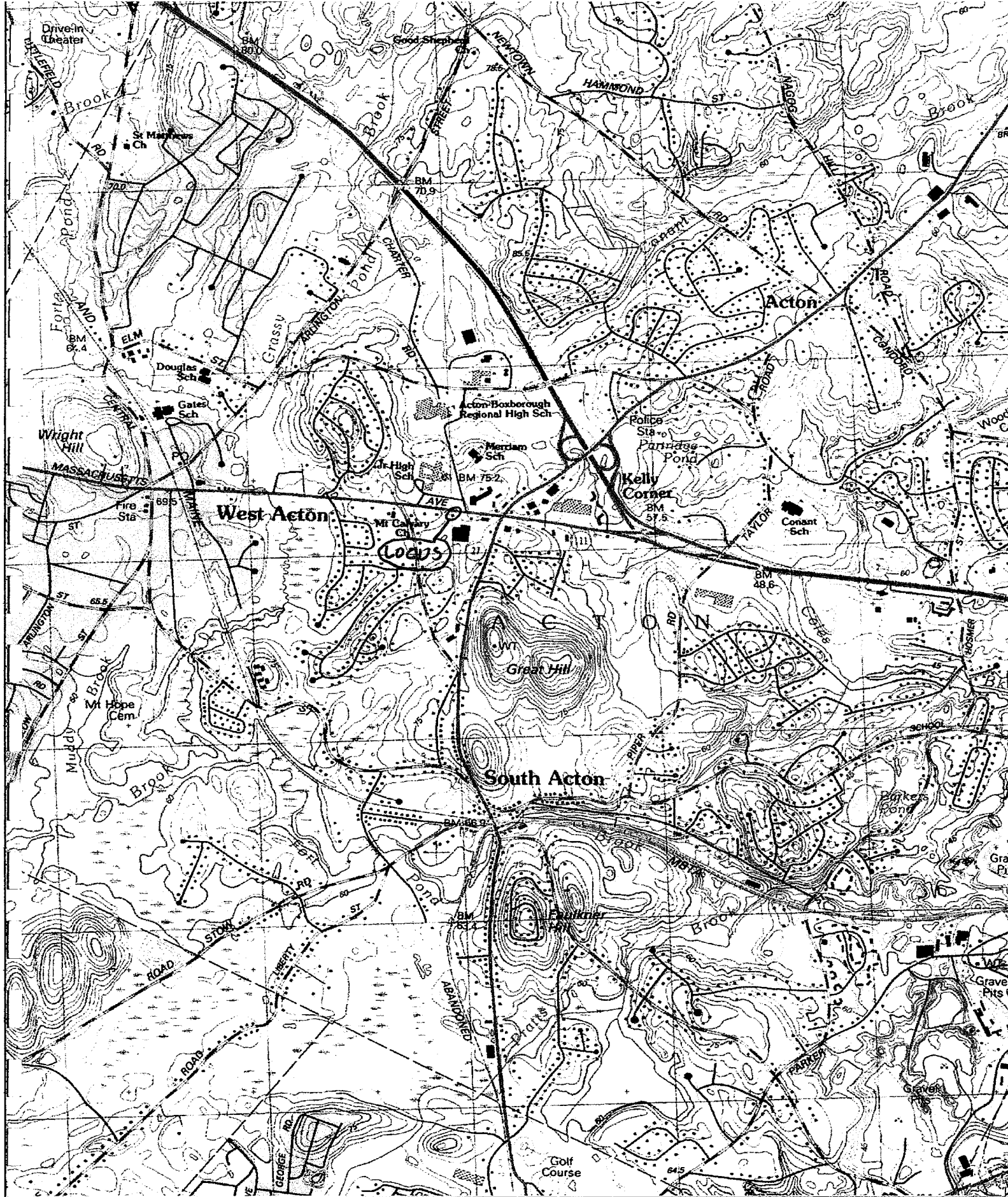
The notice of the public hearing, will be published at least five (5) days in advance in the *Beacon* newspaper or *Metrowest Daily News*.

NOTE: You may also contact your local conservation commission or the nearest Department of Environmental Protection Regional Office for the information about this application or, the Wetlands Protection Act. Acton is in the Central Region. To contact DEP, call:

***Central Region: 508-792-7650**
Southeast Region: 508-946-2700

Northeast Region: 978-694-3200
Western Region: 413-784-1100

U.S.G.S. Locus Map



Name: MAYNARD
Date: 1/31/108
Scale: 1 inch equals 2000 feet

Location: 042° 28' 15.2" N 071° 27' 13.2" W
Caption: 442 Massachusetts Avenue
Acton, MA 01720

DEP Bordering Vegetated Wetland Delineation Field Forms

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____ Prepared by: B & C Associates Inc. Project location: 442 Mass. Ave., Acton DEP File #: _____

Check all that apply:

- ☐ Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
☒ Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
☐ Method other than dominance test used (attach additional information)

Section I. Vegetation		Observation Plot Number: <u>1</u>	Transect Number: <u>A</u>	Date of Delineation: <u>10/18/07</u>	
A. Sample Layer and Plant Species (by common/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category *
Herbaceous:	Bittersweet Nightshade				
	Poison Ivy	10.5	41%	Yes	FAC-
	Upland Grasses	3.0	12%	Yes	FAC
	Sensitive Fern	3.0	12%	Yes	UPL
	Upright Woodsorrell	3.0	12%	Yes	FACW
	Jewelweed	3.0	12%	Yes	UPL
		3.0/25.5	12%	Yes	FACW
Shrubs:	Common Catalpa	3.0	25%	Yes	FAC
	European Buckthorn	3.0	25%	Yes	FAC
	Multiflora Rose	3.0	25%	Yes	FACU
	Old Field Raspberry	3.0/12.0	25%	Yes	FACU-
Saplings:	Norway Maple	20.5	66%	Yes	UPL
	American Elm	10.5/31.0	34%	Yes	FACW-
Lianas:	Bittersweet Nightshade	20.5	43%	Yes	FAC-
	Poison Ivy	10.5	22%	Yes	FAC
	New England Grape	10.5	22%	Yes	NI
	American Bittersweet	3.0	6%	No	FACU-
	Woodbine	3.0/47.5	6%	No	FACU
Overstory:	Red Maple	392.3	46%	Yes	FAC
	Black Cherry	267.7	31%	Yes	FACU
	Red Oak	201.6/861.6	23%	Yes	FACU-

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 8 Number of dominant non-wetland Indicator plant: 9

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? NO

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____ Prepared by: B & C Associates Inc. Project location: 442 Mass. Ave., Acton DEP File #: _____

Check all that apply:

- ☐ Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
☒ Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
☐ Method other than dominance test used (attach additional information)

Section I. Vegetation		Observation Plot Number: <u>2</u>	Transect Number: <u>A</u>	Date of Delineation: <u>10/18/07</u>	
A. Sample Layer and Plant Species (by common/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category *
Herbaceous:	Jewelweed	<i>Impatiens capensis</i>	63.0/63.0	100%	Yes FACW *
Shrubs:	Highbush Blueberry	<i>Vaccinium corymbosum</i>	10.5	28%	Yes FACW- *
	Arrowwood	<i>Viburnum dentatum</i>	10.5	28%	Yes FAC *
	Silky Dogwood	<i>Cornus amomum</i>	10.5	28%	Yes FACW *
	Winterberry	<i>Ilex verticillata</i>	3.0	8%	No FACW+ *
	Old Field Raspberry	<i>Rubus alumnus</i>	3.0/37.5	8%	No FACU- *
Saplings:	American Elm	<i>Ulmus americana</i>	10.5/10.5	100%	Yes FACW- *
Lianas:	Bittersweet Nightshade	<i>Solanum dulcamara</i>	20.5	43%	Yes FAC- *
	Poison Ivy	<i>Toxicodendron radicans</i>	10.5	22%	Yes FAC *
	New England Grape	<i>Vitis novae-angliae</i>	10.5	22%	Yes NI
	American Bittersweet	<i>Celastrus scandens</i>	3.0	6%	No FACU- *
	Woodbine	<i>Parthenocissus quinquefolia</i>	3.0/47.5	6%	No FACU
Overstory:	Red Maple	<i>Acer rubrum</i>	440.6	48%	Yes FAC *
	Black Cherry	<i>Prunus serotina</i>	267.7	29%	Yes FACU
	Red Oak	<i>Quercus rubra</i>	201.6/909.9	22%	Yes FACU-

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 7 Number of dominant non-wetland Indicator plant: 3

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES

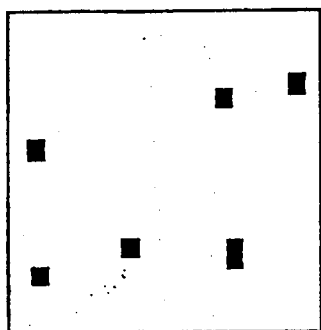
Hydric Soil Indicators

Most hydric soils have a soil horizon with a chroma of 0, 1, or 2 below the A-horizon. These are referred to as low-chroma colors. (Reminder: the Munsell Soil Color Charts are used to determine soil colors.) Generally, when evaluating mineral soils for low-chroma colors or other evidence of saturation, look for indicators directly below the A-horizon and within the top 12 inches of the soil surface. In areas where the O-horizon is less than 8 inches thick, soil depths are measured from the bottom of the O-horizon. When the O-horizon is 8 inches or greater (for histosols and soils with histic epipedons), such depths are measured from the soil surface. The soil surface is the top of the mineral soil; or, for soils with an O-horizon, the soil surface is measured from the top of the O-horizon. Fresh leaf or needle fall that has not undergone observable decomposition (the litter layer) is excluded from soil and may be separately described.

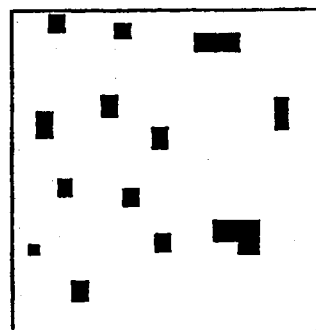
The following is a list of some hydric soil indicators - any of which can be used to identify the presence of wetland hydrology:

- ◆ Histosols (organic soils). Histosols are soils with at least 16 inches of organic material measured from the soil surface.
- ◆ Histic epipedons. These are soils with 8 to 16 inches of organic material measured from the soil surface.
- ◆ Sulfidic material. A strong "rotten egg" smell generally is noticed immediately after the soil test hole is dug.
- ◆ Gleyed soils. Soils that are predominantly neutral gray, or occasionally greenish or bluish gray in color within 12 inches from the bottom of the O-horizon. (The Munsell Soil Color Charts have special pages for gleyed soils.)
- ◆ Soils with a matrix chroma of 0 or 1 and values of 4 or higher within 12 inches from the bottom of the O-horizon.
- ◆ Within 12 inches from the bottom of the O-horizon, soils with a chroma of 2 or less and values of 4 or higher in the matrix, and mottles with a chroma of 3 or higher.
- ◆ Within 12 inches from the bottom of the O-horizon, soils with a matrix chroma of 3 and values of 4 or higher, with 10 percent or more low-chroma mottles, as well as indicators of saturation (i.e., mottles, oxidized rhizospheres, concretions, nodules) within 6 inches of the soil surface.

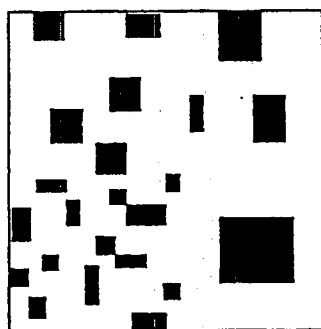
Charts for Estimating Percent Redoximorphic Features



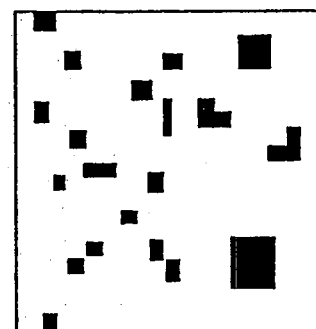
2%



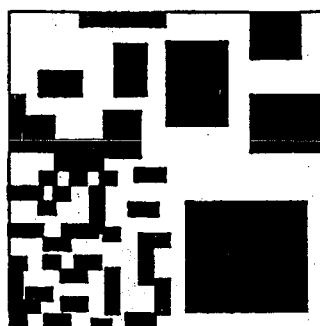
5%



20%



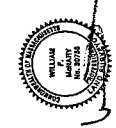
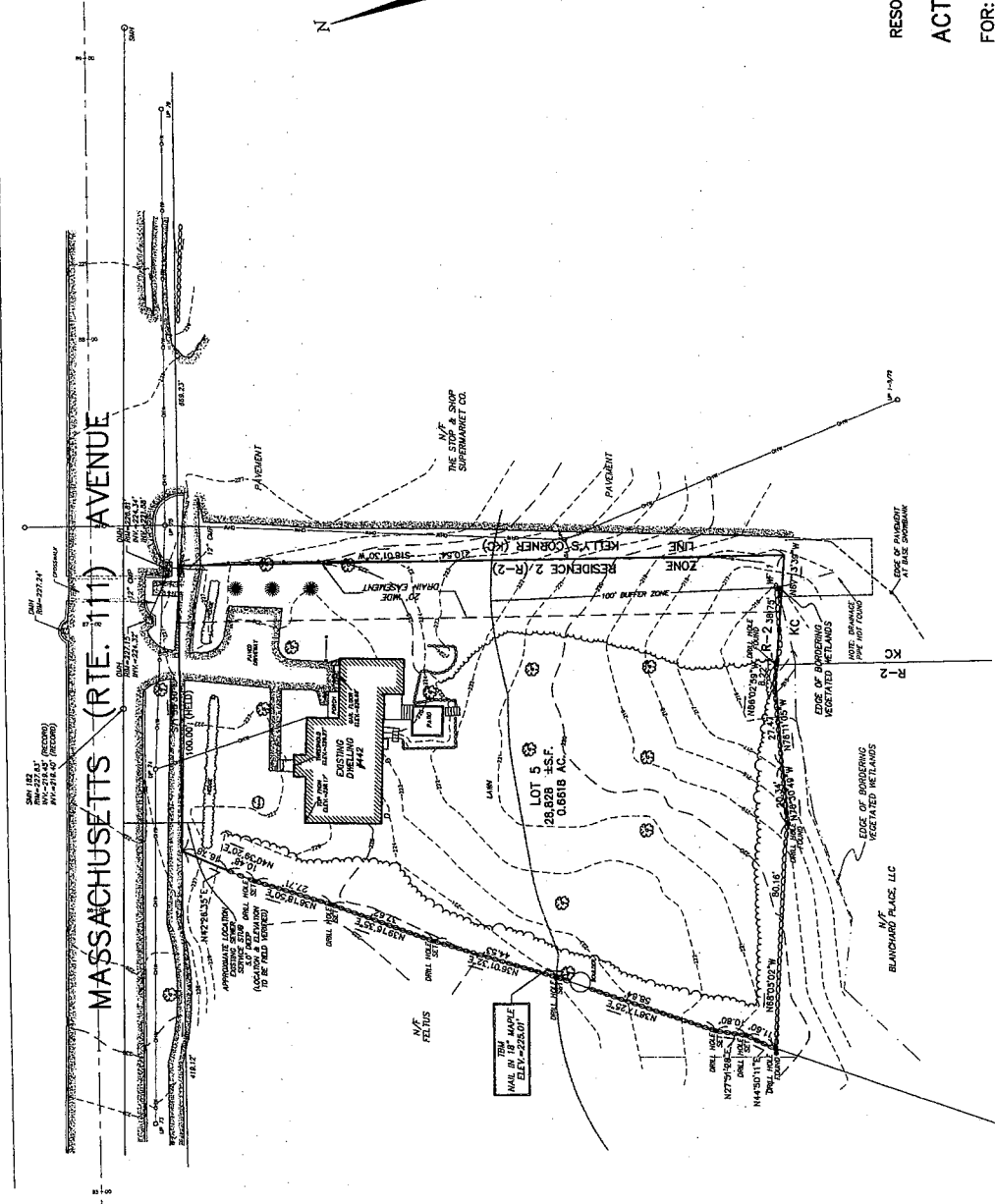
10%



50%

ABUNDANCE
0-2 FFW
2-20 common
20+ rare

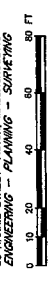
**Abbreviated Notice of Resource Area Delineation Plan by
Stamski and McNary, Inc., dated January 22, 2008**



ABBREVIATED NOTICE OF
RESOURCE AREA DELINEATION PLAN
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

FOR: STEINBERG
SCALE: 1"=20' JANUARY 22, 2001

STAMSKI AND McNARY, INC.
90 HARRIS STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING



(4253work.dwg\ANRAD) 442 Massachusetts Avenue SM-4

RECORD OWNER
MARGOT A. CHALERT
442 MASSACHUSETTS AVENUE
ACTON, MA 01720

REFERENCE
MIDDLESEX REGISTRY OF DEEDS
SOUTH DISTRICT
DEED BOOK 13481 PAGE 487
PLAN NO. 116 OF 1951

ZONING DISTRICT
RESIDENCE 2 (R-2)

DATUM
ELEVATIONS SHOWN ON THIS PLAN REFER
TO THE MEAN SEA LEVEL DATUM
ESTABLISHED BY THE U.S. NAVY
AT BOSTON, MASSACHUSETTS
IN 1929. MONUMENT SET IN SOUTHEAST
CORNER OF STONE STEP AT THE ENTRANCE TO THE
SOUTH SIDE OF MCDONNELL TOWN SCHOOL
BENCHMARK SET. SEE PLAN.

LEGEND
TREELINE
STONEWALL
EXISTING CONTOUR
EDGE OF BORROWING VEGETATED WETLANDS
SET FLAG
FENCE
TREE

UTILITY NOTE:
ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED
ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY
COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY.
THESE UTILITIES WERE NOT FIELD VERIFIED. THE ENGINEER
DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING,
GRADING, PAVEMENT RESTORATION OR REPAIRING, ALL UTILITY
CONNECTIONS, PUBLIC UTILITIES AND UTILITIES NOT SHOWN ON THIS PLAN, SEE
CHAPTER 370, ACTS OF 1983 MASS. WE ASSUME NO RESPONSIBILITY
FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR
MISPLACED. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE
THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST
BE CONSULTED. DGS SAFE TELE. NO. 1-888-344-7233.